

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>8470G-031/NP</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/006922</b>	INTERNATIONAL FILING DATE <b>30 June 2003 (30.06.2003)</b>	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/520,443</b>
PRIORITY DATE CLAIMED <b>08 July 2002 (8.07.2002)</b>		
TITLE OF INVENTION ARRANGEMENT OF A SENSOR AND OF ITS WIRE CONNECTIONS IN A METALLIC MULTILAYER CYLINDER HEAD GASKET		
APPLICANT(S) FOR DO/EO/US PEPIN, Frederic		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☒ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/520,443</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/006922</b>		ATTORNEY'S DOCKET NUMBER <b>8470G-031/NP</b>	
20. Other items or information: <b>Express Mail Transmittal (Label EV 716 205 227 US), Check for \$130.00, Verification of Translation Statement, Marked-up Substitute Specification; Copy of Notification of Missing Requirements Under 35 USC 371; Return Receipt Postcard</b>					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$	
All other situations..... \$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100				\$	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400				\$	
All other situations..... \$500				\$	
<b>TOTAL OF 21, 22 and 23 =</b>				<b>0.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	\$	
9 - 100 =	-91 /50 =		x \$250	\$	0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	9 - 20 =	0	x \$ 50	\$	0.00
Independent claims	1 - 3 =	0	x \$200	\$	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 0.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	0.00
<b>SUBTOTAL =</b>				<b>\$ 0.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	130.00
<b>TOTAL NATIONAL FEE =</b>				<b>\$ 130.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	0.00
<b>TOTAL FEES ENCLOSED =</b>				<b>\$ 130.00</b>	
				Amount to be refunded:	\$
				Amount to be charged	\$

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☒ A check in the amount of \$ 130.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

## SEND ALL CORRESPONDENCE TO:

Philip E. RETTIG  
HARNESS, DICKEY & PIERCE, P.L.C.  
P. O. Box 828  
Bloomfield Hills, MI 48303  
United States of America

SIGNATURE

Jason A. HEIST

NAME

51,797

REGISTRATION NUMBER

Dated: July 12, 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail No.: EV 716 205 227 US

Date of Deposit: July 12, 2005

Application No.: 10/520,443

International  
Filing Date: 30 June 2003

Applicant: Frédéric PEPIN

Title: ARRANGEMENT OF A SENSOR AND OF ITS WIRE  
CONNECTIONS IN A METALLIC MULTILAYER CYLINDER  
HEAD GASKET

Attorney Docket: 8470G-031/NP

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Mail Stop PCT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

**EXPRESS MAIL TRANSMITTAL**

The following papers are being deposited with the United States Postal Service Express Mail Post Office to Addressee on July 12, 2005 and addressed for receipt by the United States Patent and Trademark Office:

1. Express Mail Transmittal (Label No. EV 716 205 227 US);
2. Check in the amount of \$130.00;
3. PCT Transmittal Letter to the DO/EO/US Concerning a Submission under 35 U.S.C. 371 (3 pages, in duplicate);
4. Translation of International Application (9 pages) with Verification of Translation (1 page);
5. Preliminary Amendment (6 pages);
6. - Substitute Specification (clean copy) (14 pages);
7. - Substitute Specification (marked-up copy) (10 pages);
8. Copy of Notification of Missing Requirements Under 35 USC 371 (2 pages);
9. Return Postcard.

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, Michigan 48303  
(248) 641-1600

  
\_\_\_\_\_  
Susan McGaw

Rec'd PCT/PTO 12 JUL 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

VERIFICATION OF TRANSLATION

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

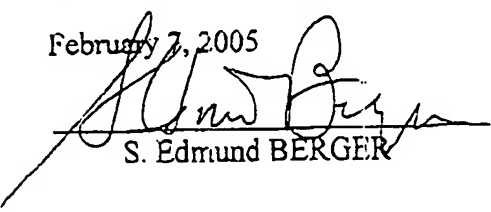
S. Edmund BERGER, residing at 298 Grayton Road, Tonawanda, NY 14150,

declares:

- (1) that he knows both the German and English languages well;
- (2) that he translated the German document entitled "Arrangement of a Sensor and of its Wire Connections in a Metallic Multilayer Cylinder Head Gasket" from German to English;
- (3) that the attached English translation is a true and correct translation of the above-identified German document to the best of his knowledge and belief; and
- (4) that all statements made of his knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements are made with the knowledge that will false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: February 7, 2005

Signed:

  
S. Edmund BERGER



8470G-000031 INP PER JAH  
 Missing Requirements 5/17/05  
 Due 7/13/05  
 UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/520,443	Frederic Pepin	8470G-031/NP

INTERNATIONAL APPLICATION NO.

PCT/EP03/06922

LA. FILING DATE

PRIORITY DATE

06/30/2003

Philip E Rettig  
 Harness Dickey & Pierce  
 PO Box 828  
 Bloomfield Hills, MI 48303

CONFIRMATION NO. 2791

371 FORMALITIES LETTER



\*OC000000015920443\*

Date Mailed: 05/13/2005

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/06/2005
- Copy of the International Search Report filed on 01/06/2005
- Copy of IPE Report filed on 01/06/2005
- Information Disclosure Statements filed on 01/06/2005
- Oath or Declaration filed on 01/06/2005
- Copy of references cited in ISR filed on 01/06/2005
- U.S. Basic National Fees filed on 01/06/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,443	PCT/EP03/06922	8470G-031/NP

FORM PCT/DO/EO/905 (371 Formalities Notice)